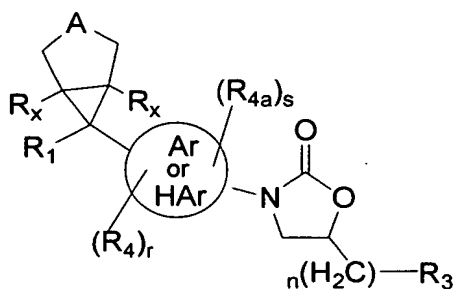


WHAT IS CLAIMED IS:

1. The present invention relates to compounds of formula I:

5



I

its enantiomer, diastereomer, or pharmaceutically acceptable salt, hydrate or prodrug thereof  
10 wherein:

R<sub>1</sub> represents

- vi) hydrogen,
- vii) NR<sub>5</sub>R<sub>6</sub>,
- 15 viii) CR<sub>7</sub>R<sub>8</sub>R<sub>9</sub>, C(R)<sub>2</sub>OR<sub>14</sub>, CH<sub>2</sub>NHR<sub>14</sub>,
- ix) C(=O)R<sub>13</sub>, C(=NOH)H, C(=NOR<sub>13</sub>)H, C(=NOR<sub>13</sub>)R<sub>13</sub>, C(=NOH)R<sub>13</sub>, C(=O)N(R<sub>13</sub>)<sub>2</sub>,  
C(=NOH)N(R<sub>13</sub>)<sub>2</sub>, NHC(=X<sub>1</sub>)N(R<sub>13</sub>)<sub>2</sub>, (C=NH)R<sub>7</sub>, N(R<sub>13</sub>)C(=X<sub>1</sub>)N(R<sub>13</sub>)<sub>2</sub>, COOR<sub>13</sub>,  
SO<sub>2</sub>R<sub>14</sub>, N(R<sub>13</sub>)SO<sub>2</sub>R<sub>14</sub>, N(R<sub>13</sub>)COR<sub>14</sub>,
- x) (C<sub>1-6</sub>alkyl)CN, CN, CH=C(R)<sub>2</sub>, (CH<sub>2</sub>)<sub>p</sub>OH, C(=O)CHR<sub>13</sub>, C(=NR<sub>13</sub>)R<sub>13</sub>,
- 20 NR<sub>10</sub>C(=X<sub>1</sub>)R<sub>13</sub>; or

vi) C<sub>5-10</sub> heterocycle optionally substituted with 1-3 groups of R<sub>7</sub>, which may be attached  
through either a carbon or a heteroatom;

25 A represents NR, O, or S(O)<sub>p</sub>;



represents aryl or heteroaryl, heterocycle, heterocyclyl or heterocyclic, provided that in the case of a heteroaryl, heterocycle, heterocyclyl or heterocyclic, the cyclopropyl is not attached to a nitrogen atom on the ring;

5  $R_x$  represents hydrogen or  $C_{1-6}$  alkyl;

$R_3$  represent

- i)  $NR_{13}(C=X_2)R_{12}$ ,
- ii)  $NR_{13}(C=X_1)R_{12}$ ,
- 10 iii)  $NR_{13}SO_2R_{14}$ ,
- iv)  $N(R_{13})\text{heteroaryl}$ ,
- v)  $NR_{13}(CHR_{13})_{0-4}\text{aryl}$ ,
- vi)  $NR_{13}(CHR_{13})_{0-4}\text{heteroaryl}$ ,
- vii)  $S(CHR_{13})_{0-4}\text{aryl}$ ,
- 15 viii)  $S(CHR_{13})_{0-4}\text{heteroaryl}$ ,
- ix)  $O(CHR_{13})_{0-4}\text{aryl}$ ,
- x)  $O(CHR_{13})_{0-4}\text{heteroaryl}$ ,
- xi)  $NOH(C=X_1)R_{12}$ ,
- xii)  $-OC=N(OCO\text{aryl}) C_{1-6}$  alkyl
- 20 xiii)  $-OC=N(OH) C_{1-6}$  alkyl
- xiv)  $C_{5-10}$  heteroaryl which may be attached through either a carbon or a heteroatom; said aryl and heteroaryl optionally substituted with 1-3 groups of  $R_7$ ,

$R_4$ , and  $R_{4a}$ , independently represent

- 25 v) hydrogen,
- vi) halogen,
- vii)  $C_{1-6}$  alkoxy, or
- viii)  $C_{1-6}$  alkyl

30  $r$  and  $s$  independently are 1-3, with the provision that when  $(R_{4a})_s$  and  $(R_4)_r$  are attached to an Ar or HAr ring the sum of  $r$  and  $s$  is less than or equal to 4;

R<sub>5</sub> and R<sub>6</sub> independently represent

- xiii) hydrogen,
- xiv) C<sub>1-6</sub> alkyl optionally substituted with 1-3 groups of halogen, CN, OH, C<sub>1-6</sub> alkoxy, amino, imino, hydroxyamino, alkoxyamino, C<sub>1-6</sub> acyloxy, C<sub>1-6</sub> alkylsulfenyl, C<sub>1-6</sub> alkylsulfinyl, C<sub>1-6</sub> alkylsulfonyl, aminosulfonyl, C<sub>1-6</sub> alkylaminosulfonyl, C<sub>1-6</sub> dialkylaminosulfonyl, 4-morpholinylsulfonyl, phenyl, pyridine, 5-isoxazolyl, ethylenyloxy, or ethynyl, said phenyl and pyridine optionally substituted with 1-3 halogen, CN, OH, CF<sub>3</sub>, C<sub>1-6</sub> alkyl or C<sub>1-6</sub> alkoxy;
- xv) C<sub>1-6</sub> acyl optionally substituted with 1-3 groups of halogen, OH, SH, C<sub>1-6</sub> alkoxy, naphthalenoxy, phenoxy, amino, C<sub>1-6</sub> acylamino, hydroxylamino, alkoxyamino, C<sub>1-6</sub> acyloxy, aralkyloxy, phenyl, pyridine, C<sub>1-6</sub> alkylcarbonyl, C<sub>1-6</sub> alkylamino, C<sub>1-6</sub> dialkylamino, C<sub>1-6</sub> hydroxyacyloxy, C<sub>1-6</sub> alkylsulfenyl, phthalimido, maleimido, succinimido, said phenoxy, phenyl and pyridine optionally substituted with 1-3 groups of halo, OH, CN, C<sub>1-6</sub> alkoxy, amino, C<sub>1-6</sub> acylamino, CF<sub>3</sub> or C<sub>1-6</sub> alkyl;
- xvi) C<sub>1-6</sub> alkylsulfonyl optionally substituted with 1-3 groups of halogen, OH, C<sub>1-6</sub> alkoxy, amino, hydroxylamino, alkoxyamino, C<sub>1-6</sub> acyloxy, or phenyl; said phenyl optionally substituted with 1-3 groups of halo, OH, C<sub>1-6</sub> alkoxy, amino, C<sub>1-6</sub> acylamino, CF<sub>3</sub> or C<sub>1-6</sub> alkyl;
- xvii) arylsulfonyl optionally substituted with 1-3 of halogen, C<sub>1-6</sub> alkoxy, OH or C<sub>1-6</sub> alkyl;
- xviii) C<sub>1-6</sub> alkoxy carbonyl optionally substituted with 1-3 of halogen, OH, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> acyloxy, or phenyl, said phenyl optionally substituted with 1-3 groups of halo, OH, C<sub>1-6</sub> alkoxy, amino, C<sub>1-6</sub> acylamino, CF<sub>3</sub> or C<sub>1-6</sub> alkyl;
- xix) aminocarbonyl, C<sub>1-6</sub> alkylaminocarbonyl or C<sub>1-6</sub> dialkylaminocarbonyl, said alkyl groups optionally substituted with 1-3 groups of halogen, OH, C<sub>1-6</sub> alkoxy or phenyl
- xx) five to six membered heterocycles optionally substituted with 1-3 groups of halogen, OH, CN, amino, C<sub>1-6</sub> acylamino, C<sub>1-6</sub> alkylsulfonylamino, C<sub>1-6</sub> alkoxy carbonylamino, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> acyloxy or C<sub>1-6</sub> alkyl, said alkyl optionally substituted with 1-3 groups of halogen, or C<sub>1-6</sub> alkoxy;
- xxi) C<sub>3-6</sub> cycloalkylcarbonyl optionally substituted with 1-3 groups of halogen, OH, C<sub>1-6</sub> alkoxy or CN;
- xxii) benzoyl optionally substituted with 1-3 groups of halogen, OH, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> alkyl, CF<sub>3</sub>, C<sub>1-6</sub> alkanoyl, amino or C<sub>1-6</sub> acylamino;
- xxiii) pyrrolylcarbonyl optionally substituted with 1-3 of C<sub>1-6</sub> alkyl;

- xxiv) C1-2 acyloxyacetyl where the acyl is optionally substituted with amino, C1-6 alkylamino, C1-6 dialkylamino, 4-morpholino, 4-aminophenyl, 4-(dialkylamino)phenyl, 4-(glycylamino)phenyl; or
- R5 and R6 taken together with any intervening atoms can form a 3 to 7 membered heterocyclic ring containing carbon atoms and 1-2 heteroatoms independently chosen from O, S, SO, SO<sub>2</sub>, N, or NR<sub>8</sub>;
- R7 represent
- iii) hydrogen, halogen, CN, CO<sub>2</sub>R, CON(R)<sub>2</sub>, CHO, CH<sub>2</sub>NHAc, C(=NOR), OH, C1-6 alkoxy, C1-6 alkyl, alkenyl, hydroxy C1-6 alkyl, (CH<sub>2</sub>)<sub>1-3</sub>NHC(O)C1-6 alkyl, (CH<sub>2</sub>)<sub>1-3</sub>N(C1-6 alkyl)<sub>2</sub>
- iv) (CH<sub>2</sub>)<sub>n</sub>amino, (CH<sub>2</sub>)<sub>n</sub>C1-6 alkylamino, C1-6 dialkylamino, hydroxylamino or C1-2 alkoxyamino all of which can be optionally substituted on the nitrogen with C1-6 acyl, C1-6 alkylsulfonyl or C1-6 alkoxyacetyl, said acyl and alkylsulfonyl optionally substituted with 1-2 of halogen or OH;
- R8 and R9 independently represents
- iv) H, CN,
- v) C1-6 alkyl optionally substituted with 1-3 halogen, CN, OH, C1-6 alkoxy, C1-6 acyloxy, or amino,
- vi) phenyl optionally substituted with 1-3 groups of halogen, OH, C1-6 alkoxy; or
- R7 and R8 taken together can form a 3-7 membered carbon ring optionally interrupted with 1-2 heteroatoms chosen from O, S, SO, SO<sub>2</sub>, NH, and NR<sub>8</sub>;
- X<sub>1</sub> represents O, S or NR<sub>13</sub>, NCN, NCO<sub>2</sub>R<sub>16</sub>, or NSO<sub>2</sub>R<sub>14</sub>
- X<sub>2</sub> represents O, S, NH or NSO<sub>2</sub>R<sub>14</sub>;
- R<sub>10</sub> represents hydrogen, C1-6 alkyl or CO<sub>2</sub>R<sub>15</sub>;
- R<sub>12</sub> represents hydrogen, C1-6 alkyl, NH<sub>2</sub>, OR, CHF<sub>2</sub>, CHCl<sub>2</sub>, CR<sub>2</sub>Cl, (CH<sub>2</sub>)<sub>n</sub>SR, (CH<sub>2</sub>)<sub>n</sub>CN, (CH<sub>2</sub>)<sub>n</sub>SO<sub>2</sub>R, (CH<sub>2</sub>)<sub>n</sub>S(O)R, C1-6 alkylamino, C<sub>5-10</sub> heteroaryl or C1-6 dialkylamino, where

said alkyl may be substituted with 1-3 groups of halo, CN, OH or C<sub>1-6</sub> alkoxy, said heteroaryl optionally substituted with 1-3 groups of R<sub>7</sub>;

5 Each R<sub>13</sub> represents independently hydrogen, C<sub>1-6</sub> alkyl, C<sub>6-10</sub> aryl, NR<sub>5</sub>R<sub>6</sub>, SR<sub>8</sub>, S(O)R<sub>8</sub>, S(O)<sub>2</sub>R<sub>8</sub>, CN, OH, C<sub>1-6</sub> alkylS(O)R, C<sub>1-6</sub> alkoxy carbonyl, hydroxycarbonyl, -OCOaryl, C<sub>1-6</sub> acyl, C<sub>3-7</sub> membered carbon ring optionally interrupted with 1-4 heteroatoms chosen from O, S, SO, SO<sub>2</sub>, NH and NR<sub>8</sub> where said C<sub>1-6</sub> alkyl, aryl or C<sub>1-6</sub> acyl groups may be independently substituted with 0-3 halogens, hydroxy, N(R)<sub>2</sub>, CO<sub>2</sub>R, C<sub>6-10</sub> aryl, C<sub>5-10</sub> heteroaryl, or C<sub>1-6</sub> alkoxy groups;

10 When two R<sub>13</sub> groups are attached to the same atom or two adjacent atoms they may be taken together to form a 3-7 membered carbon ring optionally interrupted with 1-2 heteroatoms chosen from O, S, SO, SO<sub>2</sub>, NH, and NR<sub>8</sub>;

R represents hydrogen or C<sub>1-6</sub> alkyl;

15 R<sub>14</sub> represents amino, C<sub>1-6</sub> alkyl, C<sub>1-6</sub> haloalkyl, five to six membered heterocycles or phenyl, said phenyl and heterocycles optionally substituted with 1-3 group of halo, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> acylamino, or C<sub>1-6</sub> alkyl, hydroxy and/or amino, said amino and hydroxy optionally protected with an amino or hydroxy protecting group;

20 R<sub>15</sub> is C<sub>1-6</sub> alkyl or benzyl said benzyl optionally substituted with 1-3 groups of halo, OH, C<sub>1-6</sub> alkoxy, amino, C<sub>1-6</sub> acylamino, or C<sub>1-6</sub> alkyl;

25 R<sub>16</sub> is hydrogen, C<sub>5-10</sub> heteroaryl, C<sub>6-10</sub> aryl, said heteroaryl and aryl optionally substituted with 1-3 groups of R<sub>7</sub>;

p represents 0-2 and

m, n, and q represents 0-1.


30

2. A compound according to claim 1 wherein R<sub>1</sub> represents H, NR<sub>5</sub>R<sub>6</sub>, CN, OH, C(R)<sub>2</sub>OR<sub>14</sub>, NHC(=X<sub>1</sub>)N(R<sub>13</sub>)<sub>2</sub>, C(=NOH)N(R<sub>13</sub>)<sub>2</sub>, NR<sub>10</sub>C(=X<sub>1</sub>)R<sub>13</sub> or CR<sub>7</sub>R<sub>8</sub>R<sub>9</sub>.

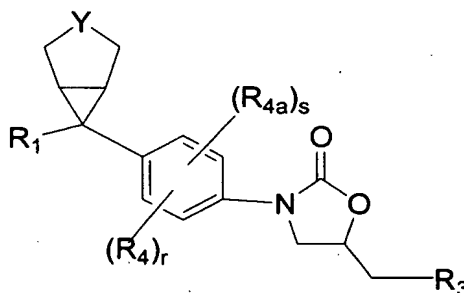


3. A compound according to claim 1 wherein is phenyl, pyridine, pyrimidine, or piperidine.

4. A compound according to claim 3 wherein  $R_1$  is  $NR_5R_6$ , or CN and  $R_3$  is  $NR_{10}C(=X_1)R_{13}$ ,  $NR(C=X_1)R_{12}$ , C<sub>5-10</sub> heteroaryl,  $NH(CH_2)_{0-4}$ aryl,  $NH(CH_2)_{0-4}$ heteroaryl, said aryl and heteroaryl optionally substituted with 1-3 groups of  $R_a$ .

5. A compound according to claim 3 wherein  $R_3$  is a C<sub>5-10</sub> heteroaryl represented by  which represents an optionally substituted aromatic heterocyclic group containing 1 to 4 nitrogen atoms and at least one double bond, and which is connected through a bond on any nitrogen.

6. A compound according to claim 1 wherein the structural formula is II:



Formula II

wherein  $R_1$ ,  $R_4$ ,  $R_{4a}$ , Y and  $R_3$  are as described above.

7. A compound which is:  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyanobicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,

- 1-[5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyanobicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]-1,2,3-triazole,  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-t-butoxycarbonyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
5 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide ,  
1-[5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-t-butoxycarbonyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]-1,2,3-triazole,  
1-[5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-  
10 5-ylmethyl]-1,2,3-triazole ,  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-acetoxyacetyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-hydroxyacetyl-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
15 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-methanesulfonyl-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-methyl-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3,6-dicyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-  
20 oxooxazolidin-5-ylmethyl]acetamide,  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-cyanomethyl-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-t-butoxycarbonyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-5-[(isoxazol-3-yl)oxy]methyloxazolidin-2-one,  
25 5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-5-[(isoxazol-3-yl)oxy]methyloxazolidin-2-one ,  
5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-t-butoxycarbonyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-5-[N-(t-butoxycarbonyl)-N-(isoxazol-3-yl)]aminomethyloxazolidin-2-one,  
5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-5-[N-(isoxazol-3-yl)]aminomethyloxazolidin-2-one,  
30 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(5-cyanopyridin-2-yl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(pyridin-2-yl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,

- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[3-acetyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(pyrimidin-2-yl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 5 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(4-pyridylmethyl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(N-cyano-1-iminoethyl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-methoxycarbonyl-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 10 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(N-cyano-S-methylthioiminomethyl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(N-cyanocarboxamidyl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 15 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[3-(N,N'-t-butoxycarbonylcarboxamidyl)-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[3-carboxamidyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[3-(N-t-Butoxycarbonylamino)acetyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 20 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[3-aminoacetyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-methanesulfonylacetyl-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 25 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(dibenzylphosphoryloxy)acetyl-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(phosphoryloxy)acetyl-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 30 or their enantiomer, diastereomer, or pharmaceutically acceptable salt, hydrate or prodrug thereof wherein.

8. A pharmaceutical composition comprised of a compound in accordance with claim 1 in combination with a pharmaceutically acceptable carrier



and optionally a in combination with a vitamin selected from the group consisting vitamin B2, vitamin B6, vitamin B12 and folic acid.

5                   9.     A method of treating or preventing a bacterial infection in a mammalian patient in need thereof, comprising administering to said patient an effective amount of a compound of claim 1.

                  10.     A method of treating or preventing bacterial infection or an oxazolidinone-associated side effect by administering an effective amount of a compound of formula I of claim 1 and an effective amount of one or more of a  
10     vitamin selected from the group consisting of vitamin B2, vitamin B6, vitamin B12 and folic acid to a patient in need thereof.

                  11.     A method according to claim 16 for treating or preventing oxazolidinone-associated normocytic anemia, peripheral sensory neuropathy,  
15     sideroblastic anemia, peripheral sensory neuropathy, optic neuropathy, seizures, thrombocytopenia, cheilosis, hypo-regenerative anemia, megaloblastic anemia and seborrheic dermatitis by administering an effective amount of vitamin B2 to a patient in need thereof.

20